POM
Photonics Online Meetup

Wednesday January 13, 2021

Time (EST)	Event	Los Angeles (-3)	New York / Boston (0)	London (+5)	Zurich (+6)	Lahore (+9)	Singapore / Shanghai (+12)	Sydney (+16)
	Zoom Schedule							
1:00 - 1:30 pm	**Hot Topics Session** *Chaired by Humeyra Caglayan*	10:00 - 10:30 am	1:00 - 1:30 pm	6:00 - 6:30 pm	7:00 - 7:30 pm	10:00 - 10:30 pm	1:00 - 1:30 am^	5:00 - 5:30 am^
1:30 - 2:00 pm	**Break**	10:30 - 11:00 am	1:30 - 2:00 pm	6:30 - 7:00 pm	7:30 - 8:00 pm	10:30 - 11:00 pm	1:30 - 2:00 am^	5:30 - 6:00 am^
2:00 - 3:00 pm	**Tutorial Session 1** *Chaired by Ann-Katrin Michel* **Abu Sebastian**, *IBM Zurich Research Laboratory, Switzerland* Brain-Inspired Computing	11:00 am - 12:00 pm	2:00 - 3:00 pm	7:00 - 8:00 pm	8:00 - 9:00 pm	11:00 pm - 12:00 am^	2:00 - 3:00 am^	6:00 - 7:00 am^
3:00 - 4:00 pm	**Tutorial Session 2** *Chaired by Antonio Calà Lesina* **Jelena Vuckovic**, *Stanford University, United States* Scalable Photonics: An Optimized Approach	12:00 - 1:00 pm	3:00 - 4:00 pm	8:00 - 9:00 pm	9:00 - 10:00 pm	12:00 - 1:00 am^	3:00 - 4:00 am^	7:00 - 8:00 am^
4:00 - 5:00 pm	**Break**	1:00 pm - 2:00 pm	4:00 - 5:00 pm	9:00 - 10:00 pm	10:00 pm - 11:00 pm	1:00 - 2:00 am^	4:00 - 5:00 am^	8:00 - 9:00 am^
5:00 - 6:00 pm	**Discussion Panel** *Chaired by Md Saad Bin-Alam*	2:00 pm - 3:00 pm	5:00 - 6:00 pm	10:00 - 11:00 pm	11:00 pm - 12:00 am^	2:00 - 3:00 am^	5:00 - 6:00 am^	9:00 - 10:00 am^
	Gather.town Schedule							
1:00 - 2:30 pm	**Virtual Poster Session** *Chaired by Rachel Grange*	10:00 - 10:30 am	1:00 - 1:30 pm	6:00 - 6:30 pm	7:00 - 7:30 pm	10:00 - 10:30 pm	1:00 - 1:30 am^	5:00 - 5:30 am^
2:00 - 5:00 pm	**Virtual Career Fair** *Chaired by Jacques Carolan*	10:30 - 11:00 am	1:30 - 2:00 pm	6:30 - 7:00 pm	7:30 - 8:00 pm	10:30 - 11:00 pm	1:30 - 2:00 am^	5:30 - 6:00 am^
6:00 - 7:00 pm	**Conference Dinner**	3:00 - 4:00 pm	6:00 - 7:00 pm	11:00 pm - 12:00 am^	12:00 - 1:00 am^	3:00 - 4:00 am^	6:00 - 7:00 am^	10:00 - 11:00 am^

Notes: ^next day (Thursday January 14)

#POM21Ja

Thursday January 14, 2021

Time (EST)	Event	Los Angeles (-3)	New York / Boston (0)	London (+5)	Zurich (+6)	Lahore (+9)	Singapore / Shanghai (+12)	Sydney (+16)
1:00 - 1:05 pm	**Opening Remarks** *Hosted by Andrea Armani and Orad Reshef*	**10:00 - 10:05 am**	**1:00 - 1:05 pm**	**6:00 - 6:05 pm**	**7:00 - 7:05 pm**	**10:00 - 10:05 pm**	**1:00 - 1:05 am^**	**5:00 - 5:05 am^**
1:05 - 2:35 pm	**Metasurfaces** *Chaired by Sean Rodrigues*	**10:05 - 11:35 am**	**1:05 - 2:35 pm**	**6:05 - 7:35 pm**	**7:05 - 8:35 pm**	**10:05 - 11:35 pm**	**1:05 - 2:35 am^**	**5:05 - 6:35 am^**
1:05 - 1:35 pm	***Jason Valentine**, *Vanderbilt University* Meta-optics for Image Processing	10:05 - 10:35 am	1:05 - 1:35 pm	6:05 - 6:35 pm	7:05 - 7:35 pm	10:05 - 10:35 pm	1:05 - 1:35 am^	5:05 - 5:35 am^
1:35 - 1:53 pm	**Charlie-Ray Mann**, *University of Exeter, United Kingdom* Tunable pseudo-magnetic fields for polaritons in strained metasurfaces	10:35 - 10:53 am	1:35 - 1:53 pm	6:35 - 6:53 pm	7:35 - 7:53 pm	10:35 - 10:53 pm	1:35 - 1:53 am^	5:35 - 5:53 am^
1:55 - 2:13 pm	**Nolan Lassaline**, *ETH Zurich, Switzerland* Optical Fourier Surfaces	10:53 - 11:13 am	1:55 - 2:13 pm	6:55 - 7:13 pm	7:55 - 8:13 pm	10:55 - 11:13 pm	1:55 - 2:13 am^	5:55 - 6:13 am^
2:15 - 2:33 pm	**Lu Chen**, *University of Maryland, United States* Metasurface-Enabled Temporal Shaping of Three-Dimensional Ultrafast Pulses	11:15 - 11:33 am	2:15 - 2:33 pm	7:15 - 7:33 pm	8:15 - 8:33 pm	11:15 - 11:33 pm	2:15 - 2:33 am^	6:15 - 6:33 am^
2:35 - 3:20 pm	**Break**	**11:35 am - 12:20 pm**	**2:35 - 3:20 pm**	**7:35 - 8:20 pm**	**8:35 - 9:20 pm**	**11:35 pm - 12:20 am^**	**2:35 - 3:20 am^**	**6:35 - 7:20 am^**
3:20 - 4:50 pm	**Biosensors** *Chaired by Imran Cheema*	**12:20 - 1:50 pm**	**3:20 - 4:50 pm**	**8:20 - 9:50 pm**	**9:20 - 10:50 pm**	**12:20 - 1:50 am^**	**3:20 - 4:50 am^**	**7:20 am - 8:50 am^**
3:20 - 3:48 pm	***Maria Soler**, *Catalan Institute of Nanoscience and Nanotechnology, Spain* Label-free nanophotonic biosensors as integrated solution for early and rapid diagnostics	12:20 - 12:48 pm	3:20 - 3:48 pm	8:20 - 8:48 pm	9:20 - 9:48 pm	12:20 - 12:48 am^	3:20 - 3:48 am^	7:20 am - 7:48 am^
3:50 - 4:08 pm	**Frederico Sala**, *Politecnico di Milano, Italy* Integrated optofluidic biochip for automatic light-sheet fluorescence imaging: from whole embryos to single-cells	12:50 - 1:08 pm	3:50 - 4:08 pm	8:50 - 9:08 pm	9:50 - 10:08 pm	12:50 - 1:08 am^	3:50 - 4:08 am^	7:50 - 8:08 am^
4:10 - 4:28 pm	**Alexis Scholtz**, *University of Southern California, United States* Optimization of a portable optical malaria diagnostic device for low-resource settings	1:10 - 1:28 pm	4:10 - 4:28 pm	9:10 - 9:28 pm	10:10 - 10:28 pm	1:10 - 1:28 am^	4:10 - 4:28 am^	8:10 - 8:28 am^
4:30 - 4:48 pm	**Siew Joo Beh**, *RMIT University, Australia* Optical frequency comb based silicon photonic biosensor for blood biomarker analysis	1:30 - 1:48 pm	4:30 - 4:48 pm	9:30 - 9:48 pm	10:30 - 10:48 pm	1:30 - 1:48 am^	4:30 - 4:48 am^	8:30 - 8:48 am^
4:50 - 5:35 pm	**Break**	**1:50 - 2:35 pm**	**4:50 - 5:35 pm**	**9:50 - 10:35 pm**	**10:50 - 11:35 pm**	**1:50 - 2:35 am^**	**4:50 - 5:35 am^**	**8:50 - 9:35 am^**
5:35 - 7:05 pm	**Frequency Combs** *Chaired by Alessia Pasquazi*	**2:35 - 4:05 pm**	**5:35 - 7:05 pm**	**10:35 pm - 12:05 am^**	**11:35 pm - 1:05 am^**	**2:35 - 4:05 am^**	**5:35 - 7:05 am^**	**9:35 - 11:05 am^**
5:35 - 6:03 pm	***Miriam Vitiello**, *Consiglio Nazionale Delle Ricerche, Istituto Nanoscienze, Italy* Terahertz quantum cascade laser frequency combs	2:35 - 3:03 pm	5:35 - 6:03 pm	10:35 - 11:03 pm	11:35 pm - 12:03 am^	2:35 - 3:03 am^	5:35 - 6:03 am^	9:35 - 10:03 am^
6:05 - 6:23 pm	**Stijn Cuyvers**, *Ghent University, Belgium* Chip-scale electrically-pumped III-V-on-Silicon-Nitride frequency comb	3:05 - 3:23 pm	6:05 - 6:23 pm	11:05 - 11:23 pm	12:05 - 12:23 am^	3:05 - 3:23 am^	6:05 - 6:23 am^	10:05 - 10:23 am^
6:25 - 6:43 pm	**David Burghoff**, *University of Notre Dame, United States* Why quantum cascade lasers and other semiconductor lasers form frequency-modulated combs	3:25 - 3:43 pm	6:25 - 6:43 pm	11:25 - 11:43 pm	12:25 - 12:43 am^	3:25 - 3:43 am^	6:25 - 6:43 am^	10:25 - 10:43 am^
6:45 - 7:03 pm	**Nicholas J. Lambert**, *University of Otago, New Zealand* Electro-optic dual frequency combs and crystal symmetries	3:45 - 4:03 pm	6:45 - 7:03 pm	11:45 pm - 12:03 am^	12:45 - 1:03 am^	3:45 - 4:03 am^	6:45 - 7:03 am^	10:45 - 11:03 am^
7:05 - 7:10 pm	**Closing Remarks** *Hosted by Andrea Armani and Orad Reshef*	**4:05 - 4:10 pm**	**7:05 - 7:10 pm**	**12:05 - 12:10 am^**	**1:05 - 1:10 am^**	**4:05 - 4:10 am^**	**7:05 - 7:10 am^**	**11:05 - 11:10 am^**

Notes: ***Invited Speaker** **^next day (Friday January 15)** **#POM21Ja**